

Dr. Vladislav S. Yakovlev

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Professional Career

- Oct. 2006–present Scientific member and project leader of the Munich Excellence Cluster for Advanced Photonics (MAP, <http://www.munich-photonics.de>)
- Feb. 2005–present Project coordinator in Prof. F. Krausz's group at the Max-Planck-Institute of Quantum Optics
- Oct. 2004–present Research assistant at the LMU Munich (Ludwig-Maximilians-Universität München)
- Jul. 2003–Oct. 2004 Postdoctoral researcher at the Vienna University of Technology (Prof. F. Krausz)
- May 2000–Jul. 2003 Researcher in the Institute of Photonics, Vienna University of Technology (Technische Universität Wien), Austria

Research visits

- September 2005 National Research Council, Ottawa, Canada (collaboration with M. Ivanov)
- March 2008 Hellenic National Research Foundation, Athens, Greece (collaboration with C. A. Nicolaides)

Research expertise and fields

- Attosecond spectroscopy
- Strong-field light-matter interaction
- Ultrafast science, few-cycle light pulses
- Numerical methods

Carrier-related activities

Reviewer for Physical Review Letters, Physical Review A, Journal of Physics B, IEEE Journal of Quantum Electronics, Journal of Optics, Journal of the Optical Society of America B

Teaching (since October 2004)

- Photonics (lectures and tutorials)
- Quantum mechanics II (tutorials for master students)
- Numerical methods for physicists (lectures and tutorials)
- Atomic and molecular physics (tutorials)
- Classical mechanics (tutorials)

Education

Vienna University of Technology, Austria

Ph.D., 11 July 2003 (with distinction)

Thesis: “*Extremely short light pulses: generation, diagnostics, and application in attosecond spectroscopy*”, Institute of Photonics, Technische Universität Wien

http://www.attoworld.de/Documents/papers/Doctoral_Theses/PhdThesis_2003_VladislavYakovlev.pdf

Novosibirsk State University, Russia

M.S. in Physics, June 1999 (with distinction)

Thesis: “*Numerical simulations of plasma configurations in the presence of plunged conductors*”, Institute of Automation and Electrometry, Siberian branch of the Russian Academy of Science